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Global agricultural market trends and food security: The German perspective

The global population is predicted to grow to almost 10 billion people by 2050, which in turn will lead to a need for an increase in food production of at least 70 percent above today's levels to keep pace with demand. Is this more a challenge or an opportunity for food-production and the entire bio-economy? With this question in mind, what is the relative importance of the various drivers of agricultural supply and demand on a global scale?

Against this background, the problem setting with respect to world food security facing global agricultural market trends will be discussed, firstly. A solution setting will be developed, secondly. Conclusions, mainly from the German perspective and – in a broader sense – from the viewpoint of highly developed countries will be drawn, finally.

CV

Dr. Noleppa is managing director of HFFA Research GmbH. The business purpose of HFFA Research GmbH is to provide scientific consultancy and research with respect to topics of political and public interest on key issues in world agriculture. These services are rendered to stakeholders ranging from industry to government, NGOs or academia.

Dr. Noleppa holds a Master degree in Animal Husbandry with a specialization in Agricultural Informatics and a Ph.D. in Agricultural Economics, both from Humboldt University of Berlin. Dr. Noleppa worked as a researcher and assistant professor at the Chair for Agricultural Policy at Humboldt University of Berlin.

Dr. Noleppa has special expertise in assessment and evaluation techniques, both ex-post and ex-ante, in modeling of agricultural markets and policies, sector analysis and policy simulation, and in transition as well as climate change economics. He has long-lasting experience in project and program management, policy advice, institution building, economic and impact assessment, and regional development support in a wide variety of countries across the globe. He is member of the Executive Committee of the Humboldt Forum for Food and Agriculture e.V., a Berlin based international non-profit think tank representing a multidisciplinary international expert community, drawn from government, academia, industry and civil society and developing sustainable strategies to meet challenges of global food and agriculture.